

PSMC5 Rabbit mAb

Catalog # AP75971

Product Information

Application	WB, IP, ICC
Primary Accession	P62195
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	45626

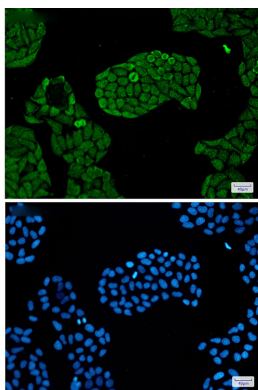
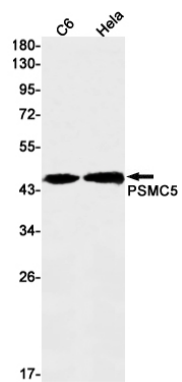
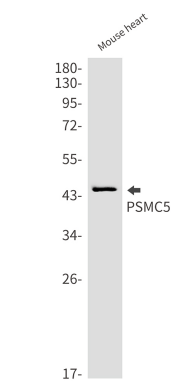
Additional Information

Gene ID	5705
Other Names	PSMC5
Dilution	WB~~1/500-1/1000 IP~~1/20 ICC~~N/A
Format	Liquid

Protein Information

Name	PSMC5
Synonyms	SUG1
Function	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMC5 belongs to the heterohexameric ring of AAA (ATPases associated with diverse cellular activities) proteins that unfolds ubiquitinated target proteins that are concurrently translocated into a proteolytic chamber and degraded into peptides.
Cellular Location	Cytoplasm. Nucleus.

Images



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